

PROJECT DESCRIPTION

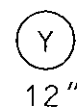
I. GENERAL

THIS PROJECT INVOLVES THE RELOCATION OF THE EXISTING HAZARD IDENTIFICATION BEACON ON A NEW FOUNDATION FOR THE NORTH APPROACH ON MD 129 FOR THE BIAS YAAKOV SCHOOL FOR GIRLS IN BALTIMORE COUNTY.
MD 129 RUNS IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS AND SIGNS

1-4

5-6



12"

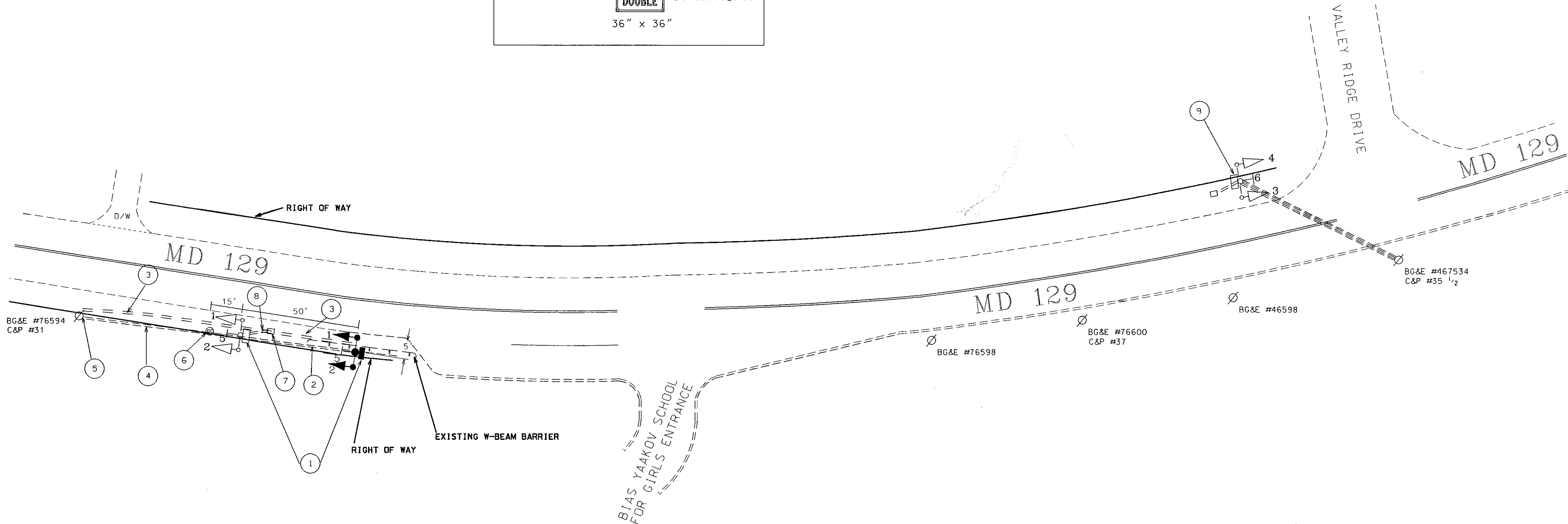


S1-1 (FYG)

S4-3 (FYG)

S4-4(1)(B/W)

36" x 36"



CONSTRUCTION DETAILS

1. RELOCATE EXISTING 14' BREAKAWAY PEDESTAL POLE, 'G' POLE MOUNTED CABINET W/ CONTROLLER, SIGN, SIGNAL HEADS AND PHOTOCELL ON NEW FOUNDATION.
2. INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE.- 50 FT NORTH OF EXISTING HIB AND BEHIND W-BEAM BARRIER.
3. INSTALL 2" SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
4. INSTALL 2" SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR TELEPHONE DROP.
5. REUSE EXISTING 3" SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR SERVICE.
6. REUSE EXISTING 3" BEND AT THE BOTTOM OF THE UTILITY POLE (FOR SERVICE). REUSE EXISTING 2" BEND AT THE BOTTOM OF THE UTILITY POLE (FOR TELEPHONE DROP).
7. REUSE EXISTING HANDHOLE.
8. ABANDON EXISTING CONDUIT.
9. EXISTING H.I.B. TO REMAIN.

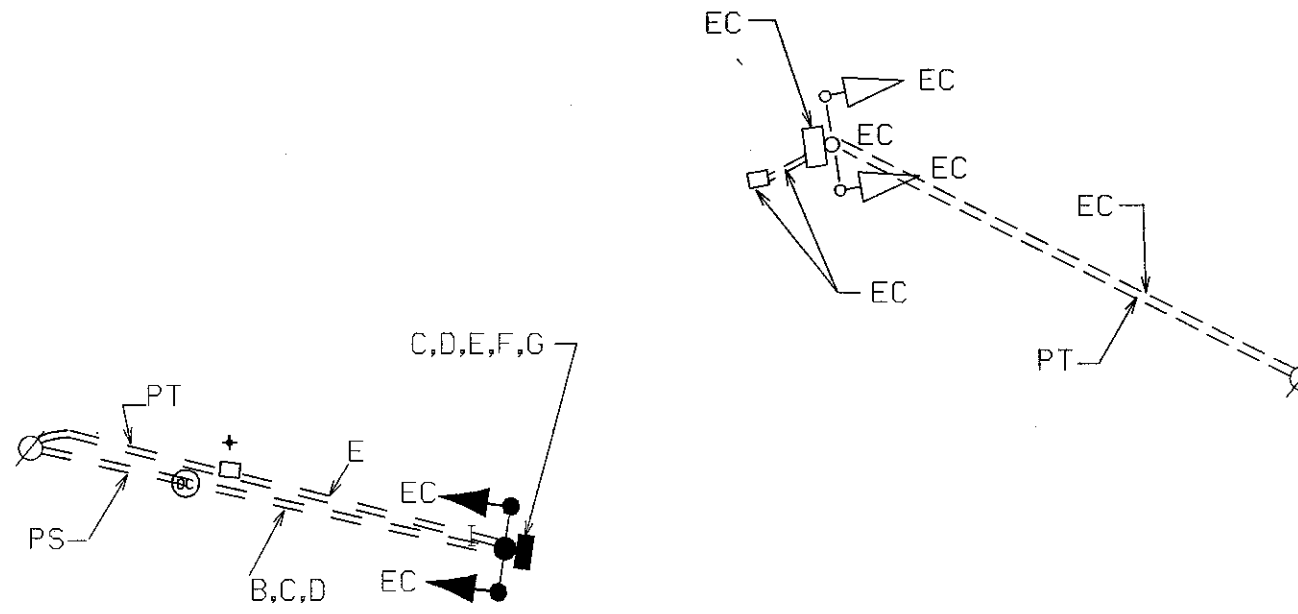
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
001	1 EACH	MAINTENANCE OF TRAFFIC
002	1 EACH	TEST PIT EXCAVATION
003	0.7 C.Y.	F & I CONCRETE FOR SIGNAL FOUNDATION
004	170 L.F.	F & I 2" SCHEDULE 80 RIGID PVC CONDUIT (TRENCHED)
005	1 EACH	F & I CONNECTOR KIT - TYPE 1
006	1 EACH	F & I CONNECTOR KIT - TYPE 2
007	60 L.F.	F & I ELECTRICAL CABLE - 1 CONDUCTOR (NO. 8 AWG) TYPE THWN/THHN, 600V
008	100 L.F.	F & I NO. 6 STRANDED BARE COPPER GROUND WIRE
009	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
010	1 EACH	F & I METERED SERVICE PEDESTAL
011	1 EACH	RELOCATE EXISTING BREAKAWAY PEDESTAL, SIGNAL HEADS, SIGNS, ELECTRICAL CABLE AND CABINET
012	1 EACH	REMOVE EXISTING FOUNDATION 12 INCH BELOW GRADE


C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

WIRING DIAGRAM



E = NO. 6 STRANDED BARE COPPER GROUND WIRE
B,C,D = 1-CONDUCTOR CABLE (NO. 8 AWG) - 3 TIMES - FOR SERVICE
PT = PROPOSED TELEPHONE DROP
+ = EXISTING 3/4 IN. X 10 FT. GROUND ROD
PS = EXISTING UNDERGROUND ELECTRICAL SERVICE
EC = EXISTING ELECTRICAL CABLE

REVISIONS		APPROVALS							
		 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION <i>Office of Traffic & Safety</i> TRAFFIC ENGINEERING DESIGN DIVISION MD 129 AND BIAS YAAKOV SCHOOL FOR GIRLS (MAIN ENTRANCE) VALLEY HEIGHTS, MARYLAND							
		DRAWN BY: W. MALCOLM CHECKED BY: W. MALCOLM SCALE: NOT TO SCALE DATE: 02/2000		F.A.P. NO. AC-STPG-0008(685)E S.H.A. NO. BA358A5C85C COUNTY: BALTIMORE LOG MILE: 03012905.00		TS NO. TS-3994A T.I.M.S. NO.: D495		SHEET NO. 1 OF 1	